

## Application instruction for LIMMS internship FY 2026

**On "*Integration of artificial intelligence in liver computational models for disease analysis*"**

**at SAKAI-NISHIKAWA laboratory, LIMMS/CNRS-IIS,  
The University of Tokyo**

### 1. Internship description

- **Location:** LIMMS/CNRS-IIS (IRL 2820), Hongo Campus, Tokyo, Japan
- **Internship title:** Integration of artificial intelligence in liver computational models for disease analysis
- **Internship duration:** 1 to 6 months
- **Accommodation support:** 70 000 yens / month for maximum 6 months (420 000 yens max. per person)
- **Expenses:** Airplane tickets and incidental expenses are NOT covered by LIMMS.
- **Contract:** Up to 6 months. An internship contract between IIS-UTokyo and the French school will be finalized, which will define the rules and obligations (both overseas travel accident insurance and liability insurance) during the stay at LIMMS/CNRS, IIS UTokyo.
- **Starting & Ending dates:** The internship should start on the 1<sup>st</sup> of March 2026 or beyond and finish before the 31<sup>st</sup> of March 2027.
- **Visa:** Students who will participate in the program for more than 90 days must have a visa. An administrative procedure takes about 3 months.

#### Job Duties

- Identification of new AI algorithms and their implementation in liver model
- Programmation and Computing liver simulation analysis
- Coupling AI model with Agent Based Liver model
- Develop a Graphical User Interface
- Participate to laboratory activities (meetings, trainings, cleanings, etc...)

#### Skills and Experience

- AI based machine and deep learning models (TensorFlow et PyTorch)
- Programmation in CUDA, Python (CustomTkinter, Plotly, Optuna etc...)
- Informatics science

### 2. Please send the following items to LIMMS direction <limmsadm@iis.u-tokyo.ac.jp>

1. CV
  2. Motivation letter
- Candidates are kindly advised to send LIMMS direction the requested documents with an e-mail **subject "internship title" FY2026 followed by the candidate's full name.** Sending documents with a different e-mail subject might be at risk of being overlooked.

**3. Submission Deadline (Closing date) for applications is 30 November 2025.**

- Please note that due to our administrative procedure, we cannot accept your applications AFTER the deadline.
- Due to a large number of applications, it is not possible to reply to you if you are not shortlisted. If you have not heard from us within one month of the closing date, please assume that your application has not been successful on this occasion.

**4. Notification of results**

After approval by the screening committee in LIMMS, notification of the acceptance will be sent both to the intern and the host professor of LIMMS.